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## **CLAIM LISTING**

This listing of claims will replace all prior versions, and listings of claims in the application:

## IN THE CLAIMS

- 1 25. (canceled)
- 26. (currently amended) A programmable logic device comprising:

  <u>a plurality of resources logically subdivided into a plurality of programmable logic blocks;</u>

a first voltage supply terminal configured to receive a first supply voltage; a plurality of programmable logic blocks, each programmable logic block comprising one or more resources of the programmable logic device; and a plurality of first switch elements, wherein each first switch element is coupled between one of the programmable logic blocks and the first voltage supply terminal.

- 27. (original) The programmable logic device of Claim 26, further comprising:
  - a second voltage supply terminal configured to receive a second supply voltage; and
  - a plurality of second switch elements, wherein each second switch element is coupled between one of the programmable logic blocks and the second voltage supply terminal.
- 28. (original) The programmable logic device of Claim 26, further comprising a control circuit coupled to the plurality of first switch elements, wherein the control circuit is configured to provide a plurality of control signals for controlling the plurality of first switch elements.

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29. (original) The programmable logic device of Claim 28, wherein the control circuit comprises a plurality of configuration memory cells configured to store a corresponding plurality of configuration data values, wherein the control circuit provides the plurality of control signals in response to the plurality of configuration data values.

- 30. (original) The programmable logic device of Claim 29, wherein the control circuit further comprises a plurality of user control terminals configured to receive a corresponding plurality of user control signals, wherein the control circuit further provides the plurality of control signals in response to the plurality of user control signals.
- 31. (original) The programmable logic device of Claim 28, wherein the control circuit comprises a plurality of user control terminals configured to receive a corresponding plurality of user control signals, wherein the control circuit provides the plurality of control signals in response to the plurality of user control signals.
- 32. (original) The programmable logic device of Claim 26, wherein each first switch element comprises a transistor.
  - 33. (original) A programmable logic device comprising: a first voltage supply terminal configured to receive a first supply voltage; a plurality of programmable logic blocks, each programmable logic block comprising one or more resources of the programmable logic device; and a plurality of voltage regulators, wherein each voltage regulator is coupled between one of the programmable logic blocks and the first voltage supply terminal.

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- 34. (original) The programmable logic device of Claim 33, further comprising a control circuit coupled to each of the voltage regulators, wherein the control circuit is configured to provide a plurality of control signals for controlling the plurality of voltage regulators.
- 35. (original) The programmable logic device of Claim 34, wherein the control circuit comprises a plurality of configuration memory cells configured to store a corresponding plurality of configuration data values, wherein the control circuit provides the plurality of control signals in response to the plurality of configuration data values.
- 36. (original) The programmable logic device of Claim 35, wherein the control circuit further comprises a plurality of user control terminals configured to receive a corresponding plurality of user control signals, wherein the control circuit further provides the plurality of control signals in response to the plurality of user control signals.
- 37. (original) The programmable logic device of Claim 34, wherein the control circuit comprises a plurality of user control terminals configured to receive a corresponding plurality of user control signals, wherein the control circuit provides the plurality of control signals in response to the plurality of user control signals.